09936198

L Number	Hits	Search Text	DB	Time stamp
1	1603	phospholipase adj A?sub?2	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:00
2	689	PLA?sub?2	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:02
3	138	cPLA?sub?2	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:02
4	13	iPLA?sub?2	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:02
5	1730	(phospholipase adj A?sub?2) or PLA?sub?2 or cPLA?sub?2 or iPLA?sub?2	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:02
6	19777	(whole adj blood) or (unfraction$4 adj blood)	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:02
7	25761	(red adj cell) or (red adj blood adj cell) or rbc	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:03
8	38203	((whole adj blood) or (unfraction$4 adj blood)) or ((red adj cell) or (red adj blood adj cell) or rbc)	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:09
9	20	((phospholipase adj A?sub?2) or PLA?sub?2 or cPLA?sub?2 or iPLA?sub?2) same (((whole adj blood) or (unfraction$4 adj blood)) or ((red adj cell) or (red adj blood adj cell) or rbc))	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:11
10	362	(435/7.25).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:12
11	780	(435/7.4).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:12
12	511	(435/19).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:12
13	1635	(436/63).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:13
14	762	(436/86).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:13
16	3842	((435/7.25).CCLS.) or ((435/7.4).CCLS.) or ((435/19).CCLS.) or ((436/63).CCLS.) or ((436/86).CCLS.)	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:15
18	45	((phospholipase adj A?sub?2) or PLA?sub?2 or cPLA?sub?2 or iPLA?sub?2) and (((435/7.25).CCLS.) or ((435/7.4).CCLS.) or ((435/19).CCLS.) or ((436/63).CCLS.) or ((436/86).CCLS.))	USPAT; US-PGPUB; EPO; DERWENT	2004/01/28 14:15

```
FILE 'HOME' ENTERED AT 13:11:41 ON 28 JAN 2004

=> file biosis, ca
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'BIOSIS' ENTERED AT 13:11:57 ON 28 JAN 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'CA' ENTERED AT 13:11:57 ON 28 JAN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> e glen a/au
E1            8     GLEMZIENE I/AU
E2            1     GLEMZIENE M/AU
E3           14 --> GLEN A/AU
E4           26     GLEN A C A/AU
E5            1     GLEN A E/AU
E6            1     GLEN A EARLE/AU
E7            1     GLEN A I/AU
E8           61     GLEN A I M/AU
E9            4     GLEN A IAIN M/AU
E10           1     GLEN A S/AU
E11          18     GLEN A T/AU
E12           4     GLEN ALASDAIR T/AU

=> s e3-e4
L1           40 ("GLEN A"/AU OR "GLEN A C A"/AU)

=> e glen alastair/au
E1            4     GLEN ALASDAIR T/AU
E2           10     GLEN ALASDAIR THOMAS/AU
E3            2 --> GLEN ALASTAIR/AU
E4            2     GLEN ALASTAIR C A/AU
E5            1     GLEN ALASTAIR CAMPBELL AGNEW/AU
E6            1     GLEN ALASTAIR THOMAS/AU
E7            1     GLEN ALEX/AU
E8            1     GLEN ALEXANDER/AU
E9            1     GLEN ALEXANDER IAIN MUNRO/AU
E10           7     GLEN ALISON/AU
E11           3     GLEN ALISTAIR S/AU
E12           1     GLEN ALLIGER/AU

=> s e4-e5
L2            3 ("GLEN ALASTAIR C A"/AU OR "GLEN ALASTAIR CAMPBELL AGNEW"/AU)

=> e mcdonald d/au
E1            1     MCDONALD CURTIS WEBSTER/AU
E2            1     MCDONALD CUTIS W/AU
E3          333 --> MCDONALD D/AU
E4           23     MCDONALD D A/AU
E5           36     MCDONALD D B/AU
E6           38     MCDONALD D C/AU
E7            1     MCDONALD D C JR/AU
E8            6     MCDONALD D E/AU
E9           40     MCDONALD D F/AU
E10         207     MCDONALD D G/AU
E11           1     MCDONALD D G M/AU
E12           2     MCDONALD D GORD/AU
```

```
=> s e3
L3          333 "MCDONALD D"/AU

=> e mcdonald d g/au
E1            6     MCDONALD D E/AU
E2           40     MCDONALD D F/AU
E3          207 --> MCDONALD D G/AU
E4            1     MCDONALD D G M/AU
E5            2     MCDONALD D GORD/AU
E6           29     MCDONALD D GORDON/AU
E7            4     MCDONALD D H/AU
E8            1     MCDONALD D I/AU
E9           55     MCDONALD D J/AU
E10          10     MCDONALD D K/AU
E11           1     MCDONALD D K C/AU
E12          16     MCDONALD D L/AU

=> s e9
L4           55 "MCDONALD D J"/AU

=> e mcdonald donald/au
E1            1     MCDONALD DINA/AU
E2            1     MCDONALD DON B/AU
E3           15 --> MCDONALD DONALD/AU
E4            6     MCDONALD DONALD B/AU
E5           13     MCDONALD DONALD F/AU
E6            4     MCDONALD DONALD G/AU
E7            1     MCDONALD DONALD JOHN/AU
E8            1     MCDONALD DONALD L/AU
E9            3     MCDONALD DONALD LAURENCE/AU
E10         124     MCDONALD DONALD M/AU
E11           1     MCDONALD DONALD MALCOLM/AU
E12           1     MCDONALD DONALD R/AU

=> s e3 or 37
L5       499621 "MCDONALD DONALD"/AU OR 37

=> del l5
DELETE L5? (Y)/N:y

=> s e3 or e7
L5           16 "MCDONALD DONALD"/AU OR "MCDONALD DONALD JOHN"/AU

=> s l1 or l2 or l3 or l4 or l5
L6          446 L1 OR L2 OR L3 OR L4 OR L5

=> s type(W)IV
L7        22799 TYPE(W) IV

=> s cytosol? or cytoplasm? or intracellular?
L8       768726 CYTOSOL? OR CYTOPLASM? OR INTRACELLULAR?

=> s l7 or l8
L9       790016 L7 OR L8

=> s l6 and l9
L10          10 L6 AND L9

=> d l10 1-10 ti

L10  ANSWER 1 OF 10  BIOSIS  COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI   Increased levels of cytosolic phospholipase A2 in dyslexics.
```

L10 ANSWER 2 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI Host-plant resistance to groundnut bacterial wilt: Genetic diversity and enhancement.

L10 ANSWER 3 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI STEROID-RECEPTOR FUSION OF THE HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 REV TRANSACTIVATOR MAPPING CRYPTIC FUNCTIONS OF THE ARGININE-RICH MOTIF.

L10 ANSWER 4 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI ENZYMIC SYNTHESIS OF STEROID SULFATES 13. ISOLATION AND PROPERTIES OF DEHYDROEPI ANDROSTERONE SULFO TRANSFERASE EC-2.8.2.- FROM HUMAN FETAL ADRENALS.

L10 ANSWER 5 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI ENZYMIC SYNTHESIS OF STEROID SULFATES PART 12 ISOLATION OF DEHYDROEPI ANDROSTERONE SULFO TRANSFERASE EC-2.8.2.- FROM HUMAN ADRENALS BY AFFINITY CHROMATOGRAPHY.

L10 ANSWER 6 OF 10 CA COPYRIGHT 2004 ACS on STN
TI Increased levels of **cytosolic** phospholipase A2 in dyslexics

L10 ANSWER 7 OF 10 CA COPYRIGHT 2004 ACS on STN
TI Diagnostic test

L10 ANSWER 8 OF 10 CA COPYRIGHT 2004 ACS on STN
TI Enzymic synthesis of steroid sulfates. XIII. Isolation and properties of dehydroepiandrosterone sulfotransferase from human fetal adrenals

L10 ANSWER 9 OF 10 CA COPYRIGHT 2004 ACS on STN
TI Enzymic synthesis of steroid sulfates. XII. Isolation of dehydroepiandrosterone sulfotransferase from human adrenals by affinity chromatography

L10 ANSWER 10 OF 10 CA COPYRIGHT 2004 ACS on STN
TI Experimental studies on the hepatic effects of tetracycline

=> d l10 1 6 bib ab

L10 ANSWER 1 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:498155 BIOSIS
DN PREV200000498276
TI Increased levels of **cytosolic** phospholipase A2 in dyslexics.
AU MacDonell, L. E. F. [Reprint author]; Skinner, F. K.; Ward, P. E.; Glen, A. I. M.; **Glen, A. C. A.**; Macdonald, D. J.; Boyle, R. M.; Horrobin, D. F.
CS Highland Psychiatric Research Foundation, Beechwood Business Park, Green House, Inverness, IV2 3ED, UK
SO Prostaglandins Leukotrienes and Essential Fatty Acids, (July-August, 2000) Vol. 63, No. 1-2, pp. 37-39. print.
CODEN: PLEAEU. ISSN: 0952-3278.
DT Article
LA English
ED Entered STN: 15 Nov 2000
Last Updated on STN: 10 Jan 2002
AB Research findings are increasingly reporting evidence of physiological abnormalities in dyslexia and sites for dyslexia have been identified on three chromosomes. It has been suggested that genetic inheritance may cause phospholipid abnormalities in dyslexia somewhat similar to those found in schizophrenia. A key enzyme in phospholipid metabolism, **Type IV**, or **cytosolic**, phospholipase A2 (cPLA2), releases arachidonic acid (AA), a 20-carbon fatty acid, which is

the major source of production of prostaglandins and leukotrienes. An entirely new assay, which for the first time has enabled determination of the amount of the enzyme rather than its activity, was used to measure cPLA2 in dyslexic-type adults and controls and the two groups were found to differ significantly, the dyslexic-types having more of the enzyme. A report elsewhere of schizophrenics having even greater amounts of the enzyme suggests that dyslexia may be on a continuum with schizophrenia, as may be other neurodevelopmental disorders - which have also been described as phospholipid spectrum disorders.

L10 ANSWER 6 OF 10 CA COPYRIGHT 2004 ACS on STN
AN 133:348640 CA
TI Increased levels of **cytosolic** phospholipase A2 in dyslexics
AU MacDonell, L. E. F.; Skinner, F. K.; Ward, P. E.; Glen, A. I. M.; **Glen, A. C. A.**; Macdonald, D. J.; Boyle, R. M.; Horrobin, D. F.
CS Highland Psychiatric Research Foundation, Inverness, IV2 3ED, UK
SO Prostaglandins, Leukotrienes and Essential Fatty Acids (2000), 63(1/2), 37-39
CODEN: PLEAEU; ISSN: 0952-3278
PB Churchill Livingstone
DT Journal
LA English
AB Research findings are increasingly reporting evidence of physiol. abnormalities in dyslexia and sites for dyslexia have been identified on three chromosomes. It has been suggested that genetic inheritance may cause phospholipid abnormalities in dyslexia somewhat similar to those found in schizophrenia. A key enzyme in phospholipid metab. **Type IV**, or **cytosolic**, phospholipase A2 (cPLA2), releases arachidonic acid (AA), a 20-carbon fatty acid, which is the major source of prodn. of prostaglandins and leukotrienes. An entirely new assay, which for the first time has enabled detn. of the amt. of the enzyme rather than its activity, was used to measure cPLA2 in dyslexic-type adults and controls and the two groups were found to differ significantly, the dyslexic-types having more of the enzyme. A report elsewhere of schizophrenics having even greater amts. of the enzyme suggests that dyslexia may be on a continuum with schizophrenia, as may be other neurodevelopmental disorders - which have also been described as phospholipid spectrum disorders.
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

same as answer #1

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	40.86	41.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.66	-0.66

STN INTERNATIONAL LOGOFF AT 13:20:34 ON 28 JAN 2004

936,198

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptau182das

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	SEP 09	CA/CAplus records now contain indexing from 1907 to the present
NEWS 4	DEC 08	INPADOC: Legal Status data reloaded
NEWS 5	SEP 29	DISSABS now available on STN
NEWS 6	OCT 10	PCTFULL: Two new display fields added
NEWS 7	OCT 21	BIOSIS file reloaded and enhanced
NEWS 8	OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9	NOV 24	MSDS-CCOHS file reloaded
NEWS 10	DEC 08	CABA reloaded with left truncation
NEWS 11	DEC 08	IMS file names changed
NEWS 12	DEC 09	Experimental property data collected by CAS now available in REGISTRY
NEWS 13	DEC 09	STN Entry Date available for display in REGISTRY and CA/CAplus
NEWS 14	DEC 17	DGENE: Two new display fields added
NEWS 15	DEC 18	BIOTECHNO no longer updated
NEWS 16	DEC 19	CROPU no longer updated; subscriber discount no longer available
NEWS 17	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS 18	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19	DEC 22	ABI-INFORM now available on STN
NEWS 20	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 21	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus

NEWS EXPRESS	DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *